

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A video signal recording/playback apparatus comprising:

a recorder for recording a video signal in a recording medium;

a player for playing back said video signal at a playback position in said recording medium while said recorder records a recording position of said video signal in said recording medium;

a controller for calculating a time difference between said recording position and said playback position; and

an on-screen display (OSD) generator for generating and displaying a time value corresponding to said time difference with said played video signal, and ~~changing a displayed time format to one~~ displaying the time value in all of:

a) a first time format displaying said time value in a unit of seconds exclusive of displaying said time value in a unit of minutes and a unit of hours, ~~wherein said displayed time format is changed to said first time format in response to said time difference being less than one minute, or~~

b) a second time format displaying said time value in the unit of minutes exclusive of displaying said time value in the unit of seconds and the unit of hours, ~~wherein said displayed time format is changed to said second time format in response to said time difference being less than 60 minutes and not less than 60 seconds, or~~ and

c) a third time format displaying said time value in the unit of hours exclusive of displaying said time value in the unit of seconds and the unit of minutes,

~~wherein said displayed time format is changed to said third time format in response to said time difference being not less than 60 minutes.~~

wherein the OSD generator:

i) displays the time value in the first time format if said time difference is less than one minute,

ii) displays the time value in the second time format if said time difference is less than 60 minutes and not less than 60 seconds, and

iii) displays the time value in the third time format if said time difference being not less than 60 minutes.

2. (Original) The video signal recording/playback apparatus according to claim 1, wherein said OSD generator produces a signal indicating said time difference based on a numeral indicating said time difference and a term meaning a difference.

3. (Original) The video signal recording/playback apparatus according to claim 1, wherein said OSD generator produces a window displaying said time difference therein and combines said window with said played video signal.

4. (Original) The video signal recording/playback apparatus according to claim 3, wherein said OSD generator produces a meter for indicating a recording time of said video signal, a marking for indicating said recording position of said video signal, and a marking for indicating said playback position of said video signal which all are displayed in said window.

5. (Currently Amended) A video signal playback apparatus comprising:

a player for playing back a playback position of said video signal;

a controller for calculating a time difference between said playback position and an end of said video signal based on said received whole data amount; and

an on-screen display (OSD) generator for generating and displaying a time value corresponding to said time difference with said played video signal, and changing a displayed time format to one displaying the time value in all of:

a) a first time format displaying said time value in a unit of seconds exclusive of displaying said time value in a unit of minutes and a unit of hours, ~~wherein said displayed time format is changed to said first time format in response to said time difference being less than one minute, or~~

b) a second time format displaying said time value in the unit of minutes exclusive of displaying said time value in the unit of seconds and the unit of hours, ~~wherein said displayed time format is changed to said second time format in response to said difference being less than 60 minutes and not less than 60 seconds, or~~and

c) a third time format displaying said time value in the unit of hours exclusive of displaying said time value in the unit of seconds and the unit of minutes, ~~wherein said displayed time format is changed to said third time format in response to said time difference being not less than 60 minutes.~~

wherein the OSD generator:

i) displays the time value in the first time format if said time difference is less than one minute,

ii) displays the time value in the second time format if said time difference is less than 60 minutes and not less than 60 seconds, and

iii) displays the time value in the third time format if said time difference being not less than 60 minutes.

6. (Original) The video signal playback apparatus according to claim 5, wherein said OSD generator produces a signal for displaying said time difference in a unit of seconds if said difference is less than one minute, for displaying said time difference in a unit of minutes if said difference is less than 60 minutes and not less than one minute, and for displaying said time difference in a unit of hours if said difference is not less than 60 minutes.

7. (Original) The video signal playback apparatus according to claim 1, wherein said OSD generator produces a window for displaying said time difference therein, and combines and displaying said played video signal and said window.

8. (Original) The video signal playback apparatus according to claim 7, wherein said OSD generator produces a meter displayed in said window for indicating said whole data amount of said video signal and a marking displayed in said window for indicating said playback position of said video signal.

9. (Original) The video signal playback apparatus according to claim 5, wherein said whole data amount varies.

10. (Original) The video signal playback apparatus according to claim 5, wherein said external apparatus records said video signal, stores a predetermined recording time of said video signal, and deletes a time of said video signal which exceeding said predetermined time,

wherein said network I/F receives a latest whole data amount of said video signal from said external apparatus, and

wherein said controller calculates a time difference between said end of said video signal and said current playback position based on said latest whole data amount

11. (Currently Amended) A method of recording and playing back a video signal, comprising the steps of:

recording the video signal in a recording medium;

playing back a playback position of the video signal while recording a recording position of the video signal in the recording medium;

calculating a time difference between the recording position and the playback position; and

generating and displaying a time value corresponding to the time difference with said played video signal, ~~and changing a displayed time format to one displaying the time value in all of:~~

a) a first time format displaying the time value in a unit of seconds exclusive of displaying the time value in a unit of minutes and a unit of hours, wherein

~~the displayed time format is changed to the first time format in response to the time difference being less than one minute, or~~

b) a second time format displaying the time value in the unit of minutes exclusive of displaying the time value in the unit of seconds and the unit of hours, wherein the displayed time format is changed to the second time format in response to the time difference being less than 60 minutes and not less than one minute, or, and

c) a third time format displaying the time value in the unit of hours exclusive of displaying the time value in the unit of seconds and the unit of minutes, wherein the displayed time format is changed to the third time format in response to the time difference being not less than 60 minutes.

wherein the time value is displayed in the:

i) first time format if said time difference is less than one minute,

ii) second time format if said time difference is less than 60 minutes and not less than 60 seconds, and

iii) third time format if said time difference being not less than 60 minutes.

12. (Previously Presented) The video signal playback apparatus according to claim 5 comprising:

a network interface (I/F) for receiving a video signal and a whole data amount of said video signal from an external apparatus through a network.